

Full Nature Farms, a global leader in vertical farming and agri-tech innovation, launches Rocket 2.0 Smart Irrigation Platform

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Full Nature Farms, a global leader in vertical farming and agricultural technology innovation, today announced the launch of its groundbreaking Rocket 2.0 Smart Irrigation Platform. Rocket 2.0 is in the Sustainability & Energy/Power category, marking a significant milestone in sustainable farming technology and underscoring Full Nature Farms' commitment to transforming global agricultural practices.

Developed through extensive research and real-world application in Full Nature Farms' successful vertical farming operations, Rocket 2.0 represents a quantum leap in agricultural water management. The platform integrates advanced sensor technology with artificial intelligence to deliver precise, automated irrigation control that significantly reduces water waste and improves crop yields. Recognizing the inefficiencies in traditional outdoor irrigation systems that lead to excessive water and nutrient waste and create millions of tons of unnecessary carbon emissions, Full Nature Farms has adapted its vertical farming technologies to address this global challenge affecting over 500 million farms worldwide.

Rocket 2.0 is a standalone innovative irrigation system that leverages crop, soil, and climate sensors, combined with AI and weather forecasts, to generate dynamic daily irrigation schedules. This results in optimized water usage, improved plant growth and health, and reduced labor costs. The system's innovative pricing structures eliminate barriers to entry, making advanced farming technologies accessible to commercial agriculture, from traditional outdoor operations to vineyards and market gardens.

Full Nature Farms has formed strategic partnerships with leading agricultural institutions and technology providers worldwide to accelerate the adoption of smart farming solutions. With upcoming implementations across Hong Kong, Saudi Arabia, and the United Kingdom, Full Nature Farms is expanding its North American presence to meet the growing demand for sustainable agricultural solutions. The company's proprietary technology stack, developed entirely in-house, has proven instrumental in executing dozens of successful agricultural projects globally for government departments, universities, and private entities.

Ray Lok, CEO of Full Nature Farms says "Rocket 2.0 underscores our commitment to providing an affordable, data-driven farming solution for farmers that allows them to tackle agricultural water wastage effectively."